

Ear Cup Adjustment

Right — shows how to adjust the headband to fit you comfortably. Pull the ear cup down to extend and push it up to reduce headband length by gliding the silver wire in and out of the black plastic sleeve. Move both sides as evenly as possible. (Please note that they will be very tight the first few times.)



Below — Shows how to remove the ear pads to perform minor repairs and cleaning, if necessary. Insert the supplied “key” into the notch at the bottom of the ear cup, press firmly, and turn to pop the pad off of the hard plastic cup.



System Studies Incorporated Ultrasonic Leak Detector Operating Instructions



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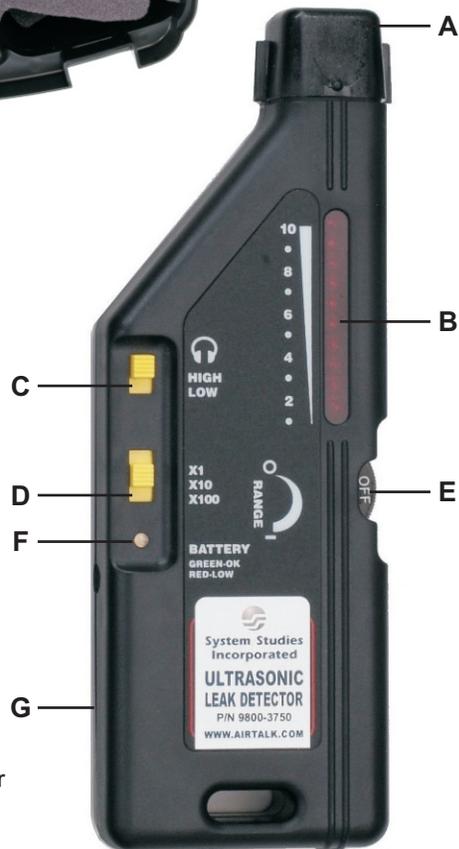
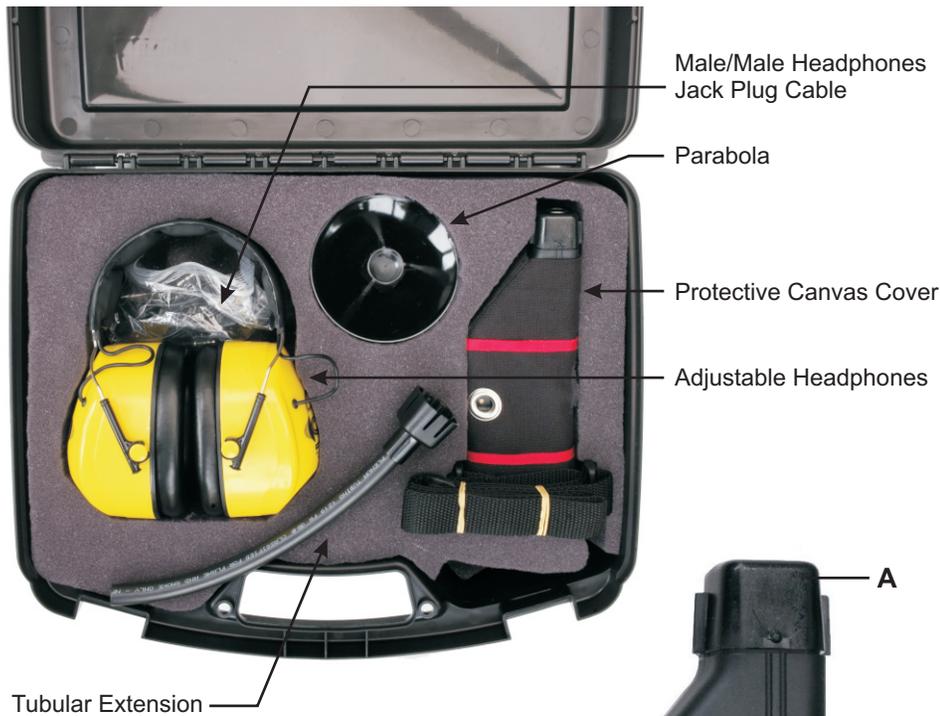


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- A. Sensor Horn
- B. LED Display Panel
- C. Head Phone Volume Switch
- D. Coarse Sensitivity Switch
- E. On/Off Thumb Wheel and Fine Sensitivity Adjust
- F. Power and Low Battery LED Indicator
- G. Battery (on opposite side)

Ultrasonic Leak Detector (Part No. 9800-3750)

Operating Instructions

- 1) Remove the yellow headphones from case and insert one end of the male/male jack plug cable into the jack located at the bottom of the headphones. Insert the other end into the jack located on the left side of the detector below the Battery LED. Place the headphones over your ears.
- 2) Rotate the thumb wheel clockwise from OFF position to activate the unit. Make sure that the battery LED displays green. If LED indication is red, remove protective canvas case and replace the 9-volt battery located in compartment on the bottom of the detector.

Note: The following sensitivity adjustments need to be performed with the canvas case removed.

- 3) The Ultrasonic Leak Detector has three sensitivity settings: X1, X10 and X100. Start the unit at the highest sensitivity level (X100). As you near the source of the leak, the LED display panel will approach its maximum level of ten lights. Reduce the sensitivity level by turning the fine sensitivity adjustment thumb wheel counterclockwise or select a less sensitive range on the course sensitivity switch.

Note: For surroundings with a high level of background noise or to help direct signal, use the parabola by placing it over the end of the sensor horn. Similarly, the tubular extension and sensor horn adapter can be used to access hard-to-reach source locations. These accessories serve to improve the accuracy of the leak locating activity.

- 4) Repeat this procedure until you have isolated the leak source. Lowering the sensitivity level will also help to verify that you have isolated the true source of the leak and not a reflection of the true source.

In most cases, once a general sensitive level has been selected, you can place the detector into the canvas case and make level adjustments using the fine sensitivity adjustment wheel.